

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/000342

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N33/574

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DIAMANDIS E P ET AL: "THE NEW HUMAN KALLIKREIN GENE FAMILY: IMPLICATIONS IN CARCINOGENESIS" TRENDS IN ENDOCRINOLOGY AND METABOLISM, ELSEVIER SCIENCE PUBLISHING, NEW YORK, NY, US, vol. 11, no. 2, 2000, pages 54-60, XP000910866 ISSN: 1043-2760 the whole document table 3 -----	1-25
X	WO 03/089932 A (QUEENSLAND UNIVERSITY OF TECHNOLOGY; CLEMENTS, JUDITH, ANN) 30 October 2003 (2003-10-30) the whole document claims 50,51 ----- -/-	19-21,23

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
4 July 2005	30-08-2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentbaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl Fax (+31-70) 340-3016	Authorized officer Jenkins, G

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 103 237 A (SAEDI ET AL) 15 August 2000 (2000-08-15) the whole document page 3, paragraph 1	21,23
X	RODDIGER SANDRA J ET AL: "Human kallikrein 2 (hK2) mRNA in peripheral blood of patients with thyroid cancer. A novel molecular marker?" JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY, vol. 129, no. 1, January 2003 (2003-01), pages 29-34, XP002332335 ISSN: 0171-5216 the whole document table 2	18

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 26 because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-25 (partial)

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

Invention 1: claims 1-25 [partial]

diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with KLK2, in which the diseases are: 1) hematological disorders.

Inventions 2-11: claims 1-25 [partial]

diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with KLK2, in which the diseases are: 2) thyroid cancer, 3) stomach cancer, 4) colon cancer, 5) liver cancer, 6) ovarian cancer, 7) cardiovascular diseases, 8) inflammatory diseases, 9) neurological diseases, 10) reproduction disorders, 11) urological disorders.

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03089932	A	30-10-2003	WO 03089932 A1 AU 2003227086 A1	30-10-2003 03-11-2003
US 6103237	A	15-08-2000	US 5516639 A AU 719502 B2 AU 5788996 A CA 2219876 A1 EP 0826056 A2 JP 11505111 T WO 9634964 A2 US 2004259113 A1 AU 699748 B2 AU 2639095 A CA 2189774 A1 EP 0804593 A1 JP 10500294 T WO 9530758 A1 US 6093796 A US 6013471 A ZA 9503727 A AT 263189 T AU 693457 B2 AU 7252594 A CA 2165672 A1 DE 69433663 D1 DE 69433663 T2 DK 710253 T3 EP 0710253 A1 ES 2215997 T3 JP 9501152 T PT 710253 T WO 9503334 A1 ZA 9405364 A	14-05-1996 11-05-2000 21-11-1996 07-11-1996 04-03-1998 18-05-1999 07-11-1996 23-12-2004 10-12-1998 29-11-1995 16-11-1995 05-11-1997 13-01-1998 16-11-1995 25-07-2000 11-01-2000 07-08-1996 15-04-2004 02-07-1998 20-02-1995 02-02-1995 06-05-2004 19-08-2004 26-07-2004 08-05-1996 16-10-2004 04-02-1997 30-07-2004 02-02-1995 13-03-1995

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